

## ABSTRACT

The invention concerns a cationic catalyst system comprising an initiator (I), a  
5 catalyst (K) and a cocatalyst (CoK). The cocatalyst (CoK) is an agent releasing the  
active polymerizing center of its counter anion generated by the reaction between  
the catalyst (K) and the initiator (I). Said cocatalyst is characterized by the  
existence of a double bond electron-depleted by an electroattractive group. It is  
selected, for example, from the group consisting of the following complexing  
10 agents including o-chloranyl (3,4,5,6-tetrachloro-1,2-benzoquinone), p-chloranyl  
(2,3,5,6-tetrachloro-1,4-benzoquinone), nitrobenzene, trinitrobenzene, or  
tetracyanoethylene.